

IN THE CLAIMS

1. (Currently Amended) A corrosion-resisting and wear-resisting alloy, which is obtained by selecting a material from cobalt base added with Cr and/or W, nickel base added with Fe and/or Cr, and iron base added with Cr and/or Ni, casting said material into an ingot or a slab as an intermediate material, and applying hot plastic forming at a temperature which is 650°C or more and the solidus temperature or less to said intermediate material, which includes a structure comprising mesh-like eutectic carbide and a base material surrounded by the eutectic carbide, ~~forming the~~ eutectic carbide as a discontinuous being formed into various-sized granular or aggregate particles to provide an uneven distribution in a form of multiple grains or clusters, wherein the coefficient of friction is 0.1 to 0.5, and the Vickers hardness without age hardening process is 300 to 600 Hv.

2. (Original) A corrosion-resisting and wear-resisting alloy according to Claim 1, wherein the coefficient of friction is 0.3 or less.

3. (Original) A corrosion-resisting and wear-resisting alloy according to Claim 1, wherein the cobalt base added with

Cr and/or W comprises 0.1 to 3.5% of C, 25% or less of Ni, 25 to 35% of Cr, 5% or less of Fe, 20% or less of W, 1.5% or less of Mo, and 1.5% or less of Si in weight ratio, the balance Co and inevitable impurities.

4. (Original) A corrosion-resisting and wear-resisting alloy according to Claim 1, wherein the nickel base added with Fe and/or Cr comprises 0.1 to 2.5% of C, 3 to 9% of Si, 7 to 25% of Cr, 0.5 to 5% of B, 2 to 6% of Fe, 1 to 5% of W, and 17% or less of Mo in weight ratio, the balance Ni and inevitable impurities.

5. (Original) A corrosion-resisting and wear-resisting alloy according to Claim 1, wherein the iron base added with Cr and/or Ni comprises 0.1 to 1.5% of C, 0.3 to 4% of Si, 4 to 9% of Ni, 3% or less of Mo, 6 to 10% of Mn, and 15 to 25% of Cr in weight ratio, the balance Fe and inevitable impurities.

6. (Currently Amended) A fluid device ~~wherein~~comprising the corrosion-resisting and wear-resisting alloy ~~according to~~of Claim 1 wherein the corrosion-resisting and wear-resisting alloy functions as ~~is used for~~ a wear-resisting part or an erosion shield part.

7. (Currently Amended) A fluid device ~~wherein~~comprising the corrosion-resisting and wear-resisting alloy ~~according to~~ of Claim 1 and having a ~~with the~~ coefficient of friction of 0.1 to 0.3, wherein the corrosion-resisting and wear-resisting alloy functions as ~~is used for~~ a wear-resisting part or an erosion shield part.

8. (Original) A dynamic device wherein the corrosion-resisting and wear-resisting alloy according to Claim 1 is joined with a base metal without changing the metal composition for application to a sliding part or a contact part.

9. (Original) A dynamic device wherein the corrosion-resisting and wear-resisting alloy according to Claim 1 with the coefficient of friction of 0.1 to 0.3 is joined with a base metal without changing the metal composition for application to a sliding part or a contact part.

10. - 20. (Canceled)